

DEPARTMENT OF THE ARMY
UNITED STATES ARMY RESERVE

FISCAL YEAR (FY) 2001 BUDGET SUBMISSION
MILITARY CONSTRUCTION



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FEBRUARY 2000

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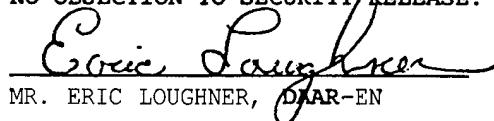
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NO OBJECTION TO SECURITY RELEASE:


MR. ERIC LOUGHNER, DAAR-EN

Department of the Army
 Military Construction, Army Reserve - FY 2001
 Index of Locations
 (Dollars in Thousands)

State/ Country	Installation and Location <u>Project Title</u>	Auth Amount	Approp Amount	Current Mission	DD Form
					New/ Page No.
	Inside the United States				1391
Florida	Orlando Addition/Alteration to AFR Center/ Organizational Maintenance Shop	<u>17,953</u>	<u>17,953</u>	N	II-3
	Subtotal	17,953	17,953		
Louisiana	Fort Polk Addition/Alteration to USAR Center/ Organizational Maintenance Shop/Equipment Concentration Site	9,912	9,912	C	II-8
	New Orleans USAR Center/Organizational Maintenance Shop/Unheated Storage	<u>10,375</u>	<u>10,375</u>	C	II-13
	Subtotal	20,287	20,287		
New Hampshire	Rochester Land Acquisition	<u>980</u>	<u>980</u>	C	II-18
	Subtotal	980	980		
Texas	Camp Bullis USAR Center/Unheated Storage	1,464	1,464	C	II-22
	Fort Sam Houston USAR Center/Organizational Maintenance Shop/Equipment Concentration Site	<u>13,678</u>	<u>13,678</u>	C	II-27
	Subtotal	15,142	15,142		
Virginia	Fort A P Hill USAR Center/Organizational Maintenance Shop/Area Maintenance Support Activity	<u>4,275</u>	<u>4,275</u>	C	II-33
	Subtotal	4,275	4,275		
Washington	Tacoma USAR Center/Organizational Maintenance Shop/Area Maintenance Support Activity (Marine)	<u>14,759</u>	<u>14,759</u>	C	II-38
	Subtotal	14,759	14,759		
	Subtotal Major Construction	73,396	73,396		
Support	Unspecified Minor Construction Planning and Design	1,917	1,917	NA	II-41
		<u>6,400</u>	<u>6,400</u>	NA	II-42
	Grand Total Authorization/TOA	81,713	81,713		
	Total New Mission	17,953			
	Total Current Mission	55,443			

Department of the Army
Military Construction, Army Reserve - FY 2001
Index of Locations
Air and Water Pollution Abatement
(Dollars in Thousands)

<u>State/ Country</u>	<u>Installation and Location Project Title</u>	<u>Auth Amount</u>	<u>Approp Amount</u>
None			

Department of the Army
Military Construction, Army Reserve - FY 2001
Index of Locations
Energy Conservation and Pollution Abatement
(Dollars in Thousands)

<u>State/ Country</u>	<u>Installation and Location Project Title</u>	<u>Auth Amount</u>	<u>Approp Amount</u>
None			

Military Construction, Army Reserve Outyear Project Data

Component	Fiscal Year	Appropriation	Installation	Location	Project Title	Facility Category	Program Element	Budgeted Amount	Change From Previous Submission
USAR	2001	2086 Orlando	FL	Add/Alt AFRC/OMS/Storage	171	0532292A		17953	-833
USAR	2001	2086 Ft Gillem	GA	USARC/OMS/Direct Support/Whse Phase II	171	0532292A		0	-18511
USAR	2001	2086 Barrigada	GU	USARC/OMS/AMSA Phase II	171	0532292A		0	-16430
USAR	2001	2086 Ft Knox	KY	USARC/OMS	171	0532292A		0	-11195
USAR	2001	2086 Ft Polk	LA	Add/Alt USARC/OMS/ECS	171	0532292A		9912	5603
USAR	2001	2086 New Orleans	LA	USARC/OMS/AMSA/Unltd Strg	171	0532292A		10375	-2106
USAR	2001	2086 Rochester	NH	Land Acquisition	171	0532292A		980	980
USAR	2001	2086 Ft Dix	NJ	Centralized Tactical Veh Wash Fac Phase II	149	0532292A		0	-4017
USAR	2001	2086 Ft Wadsworth	NY	Add/Alt USARC/OMS/AMSA Phase II	171	0532292A		0	-3720
USAR	2001	2086 Ft Buchanan	PR	USARC Phase II	171	0532292A		0	-8670
USAR	2001	2086 Camp Bullis	TX	USARC/Unltd Strg	171	0532292A		1464	1464
USAR	2001	2086 Ft Hood	TX	AMSA/ECS Phase II	171	0532292A		0	-6747
USAR	2001	2086 Ft Sam Houston	TX	USARC/OMS/ECS	171	0532292A		13678	-1524
USAR	2001	2086 Ft A P Hill	VA	USARC/OMS/AMSA	171	0532292A		4275	4275
USAR	2001	2086 Tacoma	WA	USARC/OMS/AMSA (Marine)	171	0532292A		14759	250
USAR	2001	2086 Various	ZU	Unspecified	171	0532292A		1917	0
USAR	2001	2086 Various	ZU	Planning and Design	171	0532292A		6400	0
				Total		81713		-61181	
USAR	2002	2086 Tafuna	AS	Add/Alt USARC/OMS	171	0532292A		17058	2602
USAR	2002	2086 Ft Carson	CO	Add AFRC/AMSA	171	0532292A		699	699
USAR	2002	2086 West Hartford	CT	Add/Alt USARC	171	0532292A		0	-16375
USAR	2002	2086 Ft Knox	KY	USARC/OMS	171	0532292A		9545	9545
USAR	2002 *	2086 Rochester	NH	USARC/OMS	171	0532292A		0	-7043
USAR	2002	2086 Ft Lewis	WA	USARC/OMS/ASF	171	0532292A		15173	701
USAR	2002	2086 Various	ZU	Unspecified	171	0532292A		2375	-125
USAR	2002	2086 Various	ZU	Planning and Design	171	0532292A		6300	0
				Total		60904		-9996	
USAR	2003	2086 Mesa	AZ	USARC	171	0532292A		8104	8104
USAR	2003	2086 Honolulu	HI	USARC/AMSA (Marine)	171	0532292A		3062	3062
USAR	2003	2086 Ft Meade	MD	USARC/OMS/Warehouse	171	0532292A		17190	-559
USAR	2003 *	2086 Rochester	NH	USARC/OMS	171	0532292A		6691	-352
USAR	2003	2086 Cleveland	OH	Land Acquisition	171	0532292A		1236	-100
USAR	2003	2086 Aquadilla	PR	USARC/OMS/Warehouse	171	0532292A		8386	-1241
USAR	2003	2086 Ft A P Hill	VA	USARC/OMS/AMSA	171	0532292A		0	-4170
USAR	2003	2086 Ft Story	VA	USARC/OMS	171	0532292A		0	-11024
USAR	2003	2086 Various	ZU	Unspecified	171	0532292A		2850	-150
USAR	2003	2086 Various	ZU	Planning and Design	171	0532292A		6300	0
				Total		53819		-17596	

* Rochester, NH inadvertently included in two FYS on February 1999 FYP. FY 2003 is correct FY.

Military Construction, Army Reserve Outyear Project Data

Component	Fiscal Year	Appropriation	Installation	Location	Project Title	Facility Category	Program Element	Budgeted Amount	Change From Previous Submission
USAR	2004	2086 Mesa	AZ	USARC		171	0532292A	0	0
USAR	2004	2086 March AFB	CA	USARC/OMS		171	0532292A	0	-8821
USAR	2004	2086 Parks RFTA	CA	USARC/OMS/AMSA		171	0532292A	0	-19940
USAR	2004	2086 Clearwater	FL	AFRC/ASF		171	0532292A	26820	26820
USAR	2004	2086 Honolulu	HI	USARC/AMSA (Marine)		171	0532292A	0	-4418
USAR	2004	2086 Curtis Bay	MD	Alt USARC/AMSA (Marine)		171	0532292A	0	-3850
USAR	2004	2086 St Charles	MO	USARC/OMS		171	0532292A	0	-19500
USAR	2004	2086 Cleveland	OH	USARC		171	0532292A	14083	14083
USAR	2004	2086 Johnstonstown	PA	AMSA Consolidation		171	0532292A	0	-6100
USAR	2004	2086 Texarkana	TX	OMS		214	0532292A	1140	1140
USAR	2004	2086 Ft Story	VA	USARC/OMS		171	0532292A	10473	10473
USAR	2004	2086 Ft McCoy	WI	Provost Marshall Office		171	0532292A	0	-1526
USAR	2004	2086 Various	ZU	Unspecified		171	0532292A	2886	-152
USAR	2004	2086 Various	ZU	Planning and Design		171	0532292A	6458	0
				Total		61860		-11791	
USAR	2005	2086 Ft Huachuca	AZ	AFRC/OMS		171	0532292A	0	-4780
USAR	2005	2086 Los Alamitos	CA	RSC HQ		171	0532292A	4011	4011
USAR	2005	2086 Mare Island	CA	USARC		171	0532292A	5062	5062
USAR	2005	2086 Middletown	CT	Add/Alt USARC/OMS		171	0532292A	0	-12260
USAR	2005	2086 Gulfport	MS	Storage Complex		441	0532292A	27767	27767
USAR	2005	2086 Lincoln	NE	USARC		171	0532292A	8047	8047
USAR	2005	2086 Omaha	NE	USARC/OMS		171	0532292A	0	-10820
USAR	2005	2086 Ft Dix	NJ	ARISC		171	0532292A	0	-4975
USAR	2005	2086 Ft Dix	NJ	MOS Trng Fac		171	0532292A	7125	2150
USAR	2005	2086 Ft Totten	NY	USARC		171	0532292A	4441	-234
USAR	2005	2086 Cleveland	OH	USARC/OMS		171	0532292A	0	-14120
USAR	2005	2086 Ft Lewis	WA	USARC/OMS		171	0532292A	0	-14146
USAR	2005	2086 Various	ZU	Unspecified		171	0532292A	2923	-154
USAR	2005	2086 Various	ZU	Planning and Design		171	0532292A	6621	0
				Total		65937		-14452	

SECTION I

APPROPRIATION LANGUAGE

MILITARY CONSTRUCTION, ARMY RESERVE

For construction, acquisition, expansion, rehabilitation, and conversion of facilities for the training and administration of the Army Reserve as authorized by Chapter 1803 of Title 10, United States Code and military construction Authorization Acts, (\$23,120,000) \$81,713,000 to remain available until September 30, (2004) 2005.

MILITARY CONSTRUCTION, ARMY RESERVE

FY 2001

SPECIAL PROGRAM CONSIDERATIONS

Pollution Abatement

The military construction projects proposed in this program will be designed to meet environmental standards. Military construction projects proposed primarily for abatement of existing pollution problems at installations have been reviewed to ensure that corrective design is accomplished in accordance with specific standards and criteria.

Energy Conservation

Military construction projects specifically for energy conservation at installations have been developed, reviewed, and selected with prioritization by energy savings per investment cost. Projects include improvements to existing facilities and utilities systems to upgrade design, eliminate waste, and install energy saving devices. Projects are designed for minimum energy consumption.

Flood Plain Management and Wetlands Protection

Proposed land acquisitions, disposals, and installation construction projects have been planned to allow the proper management of flood plains and the protection of wetlands by avoiding long and short term adverse degradation of wetlands. Project planning is in accordance with the requirements of Executive Order Nos. 11988 and 11990.

Design for Accessibility of Physically Handicapped Personnel

In accordance with Public Law 90-480, provisions for physically handicapped personnel will be provided for, where appropriate, in the design of facilities included in this program.

Environmental Protection

In accordance with Section 102(2)(c) of the National Environmental Policy Act of 1969 (PL 91-190), the environmental impact analysis process has been completed or is actively underway for all projects in the Military Construction Program.

Economic Analysis

Economics are an inherent aspect of project development and design of military construction projects. Therefore, all projects included in this program represent the most economical use of resources.

SPECIAL PROGRAM CONSIDERATIONS

(continued)

Reserve Potential

The Reserve potential to meet and maintain authorized strengths of all Reserve flying/nonflying units in those areas in which these facilities are to be located has been reviewed. It has been determined, in coordination with all other Services having Reserve flying/nonflying units in these areas, that the number of units of the Reserve components of the Armed Forces presently located in those areas, and those which have been allocated to the areas for future activation, is not and will not be larger than the number that reasonably can be expected to be maintained at authorized strength considering the number of persons living in the areas who are qualified for membership in those Reserve units.

Preservation of Historical Sites and Structures

Facilities included in this program do not directly or indirectly affect a district, site, building, structure, object, or setting listed in the National Register of Historic Places, except as noted on DD Form 1391.

Use of Excess Schools and Other Buildings

Considerations were made to utilize available commercial or academic buildings but none were suitable except as identified by specific projects in this request.

Placement of Reserve Component Units in Local Communities

The Reserve manpower potential to meet and maintain authorized strengths of all Reserve units in the areas where units are to be located has been reviewed in accordance with the procedures described in DoD Directive 1225.7. It has been determined, in coordination with the other Military Departments having Reserve units in the area, that the number of Reserve components presently located in the area, and those units having been allocated to this area for future activation, is not and shall not be larger than the number that reasonably may be maintained at authorized strength.

Facility Planning and Design Guide

Unless otherwise noted, the projects comply with the scope and design criteria prescribed in Part II of Military Handbook 1190, "Facility Planning and Design Guide."

Congressionally Directed Projects

No projects were directed by any congressional committee for inclusion in the FY 2001 budget.

SPECIAL PROGRAM CONSIDERATIONS

(continued)

Congressional Reporting Requirements

The following paragraph, titled "Maintenance and Repair of Real Property," is in response to the Senate Appropriations Committee requirement contained on page 24 (Non-MILCON Construction Activities) of the Report #100-200 and page 1006 (Non-MILCON Construction activities), Senate and House Conference Report #100-498.

<u>Appropriation</u>	<u>(\$000)</u>
Operation and Maintenance, Army Reserve	
- Maintenance and Repair	106.3
- Minor Construction	8.4

SECTION II

1. COMPONENT USAR	FY 2001 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE Feb 00	
3. INSTALLATION AND LOCATION USAR Center, Orlando, FL		4. AREA CONSTR COST INDEX 0.84		
5. FREQUENCY AND TYPE UTILIZATION				
Reservists - 3 weekends/month		3 nights/week		
Full-Time Personnel - 5 days/week				
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS USAR, Center, ECS 50, NTC Annex - 5 kilometers USAR, Center, ASF 49, Orlando - 8 kilometers USAR, Center, McCoy USARC - 6 kilometers USAR, Center, Orange City - 35 kilometers USN, Center, NTC Orlando - 37 kilometers				
7. PROJECTS REQUESTED IN THIS PROGRAM				
<u>CATEGORY CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST (\$000)</u>	<u>DESIGN STATUS</u>
17140	Add/Alt AFR CTR/OMS	14,113 m ²	17,953	01/99 09/00
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Facilities identified in Item 6 have been examined by the <u>28 Jan 1999</u> Joint Service Reserve Component Facility Board for possible <u>(Date)</u> joint use/expansion. The board recommends joint construction.				
9. LAND ACQUISITION REQUIRED FEE PURCHASE				9.20 <i>(Number of Acres)</i>
10. PROJECTS PLANNED IN NEXT FOUR YEARS		<u>FISCAL YEAR</u>	<u>COST (\$000)</u>	
None				

1. COMPONENT USAR	FY 2001 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE Feb 00
3. INSTALLATION AND LOCATION USAR Center, Orlando, FL	4. AREA CONSTR COST INDEX 0 . 8 4	
11. PERSONNEL STRENGTH AS OF: 30 Nov 1999		
	PERMANENT	GUARD/RESERVE
AUTHORIZE	<u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u> <u>CIVILIAN</u>	<u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u>
AUTHORIZE	89 31 23 35	1956 145 1811
ACTUAL	60 17 20 23	1988 134 1854
12. RESERVE UNIT DATA ASGD/AUTH 102%		
	STRENGTH	
UNIT DESIGNATION	AUTHORIZED	ACTUAL
143 TRANS CMD	13	13
143 TRANS CMD, HHC	219	232
143 TRANS CMD WATERCRAFT	7	7
154 JA TM 21	5	0
174 LSO, LEG SVC TM 3	12	22
174 LSO, MIL JUDGE TM 4	2	2
841 ENGR BN (CMBT), CO B	118	141
196TH TC CO	142	97
UNITS NOT SHOWN	1438	1474
Totals	1956	1988
Total Units Not Shown = 18		
13. MAJOR EQUIPMENT AND AIRCRAFT		
TYPE	AUTHORIZED	ACTUAL
Wheeled Vehicles	128	130
Trailers	49	37
Tracked Vehicles	4	5
Totals	181	172
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES		
	(\$ 000)	
Air Pollution	0	
Water Pollution	0	
Safety and Occupational Health	0	

1. COMPONENT USAR	FY 2001 MILITARY CONSTRUCTION PROJECT DATA			2. DATE Feb 00
3. INSTALLATION AND LOCATION USAR Center Orlando, FL		4. PROJECT TITLE Add/Alt AFR CTR/OMS		
5. PROGRAM ELEMENT 0532292A	6. CATEGORY CODE 17140	7. PROJECT NUMBER CAR 01-10888	8. PROJECT COST (\$000) 17,953	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITIES:</u>				<u>14095</u>
Training Bldg Alt (22,242 sf)	m2	2,066	1047.43	(2164)
Training Bldg Add (121,116 sf)	m2	11,252	973.25	(10951)
Maintenance Bldg (8,560 sf)	m2	795	1056.60	(840)
Antiterrorism/Force Protection	LS	-	-	(140)
<u>SUPPORTING FACILITIES:</u>				<u>2890</u>
Site Improvement	LS	-	-	(2250)
Telecommunications	LS	-	-	(622)
Antiterrorism/Force Protection	LS	-	-	(18)
TOTAL CONSTRUCTION COST				<u>16985</u>
Contingencies (.0 %)				0
Supervision and Administration (5.7 %)				<u>968</u>
TOTAL PROJECT COST				<u>17953</u>
10. DESCRIPTION OF PROPOSED CONSTRUCTION				
Construct a 2000-member Armed Forces Reserve Center (AFRC), an addition/alteration to an existing Reserve Center, and construct a new Organizational Maintenance Shop (OMS). Buildings will be permanent construction with reinforced concrete foundation and floor slab, load bearing masonry exterior walls, architectural standing seam metal roof on steel joists, and HVAC systems. Project will include sufficient electrical, mechanical and security systems (fire alarm connected via radio and security system telephone lines for intrusion alarms). Supporting facilities include land clearing, paving, fencing, general site improvements, and extension of utilities to serve project. Force protection (physical security) measures will be incorporated into design including maximum feasible standoff distance from roads, parking areas, and vehicle unloading areas, berms, heavy landscaping, and bollards to prevent access when standoff distance cannot be maintained. Air Conditioning: 1400 kw				
11. REQUIREMENT: 14,113 m ² Adequate: 0m ² Substandard: 2,292m ²				
PROJECT: Construct a Joint AFRC, an addition/alteration to an existing Reserve Center, and construct a new OMS. (New Mission)				
REQUIREMENT: This project will provide a 2000-member AFRC with administrative areas, individual and unit training, classrooms, library, learning center, assembly hall, arms vault, kitchen and communications				

1. COMPONENT USAR	FY 2001 MILITARY CONSTRUCTION PROJECT DATA		2. DATE Feb 00
3. INSTALLATION AND LOCATION USAR Center Orlando, FL			
4. PROJECT TITLE Add/Alt AFR CTR/OMS	5. PROJECT NUMBER CAR 01-10888		
11. REQUIREMENT (CONT)			
<p>security training and storage facilities for 26 Navy Reserve, 20 Army Reserve, and three Marine Corps units. The OMS will provide space for training of mechanics and to perform organizational maintenance on unit equipment. The OMS space includes workbays, parts and tools storage, maintenance offices, supply and battery rooms, flammable storage, controlled waste storage, and toilets. The project will provide privately owned vehicle and military equipment parking, as well as generic and specialized training areas for the RC units assigned. This AFRC will facilitate several RC units critical to mobilization of the Nation's armed forces, to include Transportation Command, air and sea terminal movement control units, hospital units, and a Combat Engineer unit. Intrusion detection systems (IDS) support requirements are for weapons vault and fire/security alarm.</p>			
<p>CURRENT SITUATION: Many of these RC units are currently suffering overcrowded and substandard conditions in several aged and/or leased inadequate facilities in the greater Orlando metropolitan area. Command and control relationships are encumbered and have a negative effect on unit training and readiness. In some cases, the units are involuntarily losing leased space to city expansion requirements, while others are simply expensive leases in very inadequate structures. It is not economically feasible to correct certain training deficiencies or to install newer more efficient training devices or systems in current physical plant.</p>			
<p>IMPACT IF NOT PROVIDED: These RC units will be forced to endure inadequate facilities with the attendant penalties to the training effort and readiness of these critical Contingency Force Pool (CFP) units. Resources will continue to be drained from readiness to provide leased training and storage space. Of great concern is the emergency housing of units that will be dislocated from space leased from the city in the case of non-renewed contracts. These individual RC units will be forced to pursue independent and much less efficient solutions to their dilemma at some point in their future and this feasible, prudent and resourceful opportunity will be lost to the RC community.</p>			
<p>ADDITIONAL: This project was coordinated with the Regional Support Command physical security plan and no force protection/combating terrorism measures other than those required by regulations and design guides for protecting Federal property are included. An economic analysis was prepared and utilized in evaluating this project. Alternative methods of meeting this requirement were explored during project development. This project is the</p>			

1. COMPONENT USAR	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2 DATE Feb 00																																													
3. INSTALLATION AND LOCATION USAR Center Orlando, FL																																															
4. PROJECT TITLE Add/Alt AFR CTR/OMS	5. PROJECT NUMBER CAR 01-10888																																														
11. REQUIREMENT (CONT) most feasible option to meet the requirement. Parametric estimates were not used to develop project cost. This project was fully coordinated and approved by the USNR and the USMCR.																																															
12. SUPPLEMENTAL DATA: a. Estimated design data: <table> <tr><td>(1) Status:</td><td>(a) Date Design Started.....</td><td>01/99</td></tr> <tr><td></td><td>(b) Percent Complete as of January 2000.....</td><td>35%</td></tr> <tr><td></td><td>(c) Date Design 35% Complete.....</td><td>09/99</td></tr> <tr><td></td><td>(d) Date Design Complete.....</td><td>09/00</td></tr> <tr><td></td><td>(e) Parametric Cost Estimating Used to Develop Cost.</td><td>No</td></tr> <tr><td></td><td>(f) An energy study and life cycle cost analysis will be documented during the final design.</td><td></td></tr> <tr><td></td><td>(g) Type of Design Contract.....</td><td>Design-Build</td></tr> </table> <table> <tr><td>(2) Basis:</td><td>(a) Standard or Definitive Design.....</td><td>No</td></tr> <tr><td></td><td>(b) Where Design Was Most Recently Used.....</td><td>N/A</td></tr> </table> <table> <tr><td>(3) Total Cost (c) = (a) + (b) or (d) + (e):</td><td>(\$000)</td></tr> <tr><td>(a) Production of Plans and Specifications</td><td>421</td></tr> <tr><td>(b) All Other Design Costs</td><td>1296</td></tr> <tr><td>(c) Total</td><td>1717</td></tr> <tr><td>(d) Contract</td><td>1717</td></tr> <tr><td>(e) In-house</td><td>0</td></tr> </table> <table> <tr><td>(4) Contract Award.....</td><td>10/00</td></tr> <tr><td>(5) Construction Start.....</td><td>12/00</td></tr> <tr><td>(6) Construction Completion.....</td><td>12/02</td></tr> </table>			(1) Status:	(a) Date Design Started.....	01/99		(b) Percent Complete as of January 2000.....	35%		(c) Date Design 35% Complete.....	09/99		(d) Date Design Complete.....	09/00		(e) Parametric Cost Estimating Used to Develop Cost.	No		(f) An energy study and life cycle cost analysis will be documented during the final design.			(g) Type of Design Contract.....	Design-Build	(2) Basis:	(a) Standard or Definitive Design.....	No		(b) Where Design Was Most Recently Used.....	N/A	(3) Total Cost (c) = (a) + (b) or (d) + (e):	(\$000)	(a) Production of Plans and Specifications	421	(b) All Other Design Costs	1296	(c) Total	1717	(d) Contract	1717	(e) In-house	0	(4) Contract Award.....	10/00	(5) Construction Start.....	12/00	(6) Construction Completion.....	12/02
(1) Status:	(a) Date Design Started.....	01/99																																													
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	(d) Date Design Complete.....	09/00																																													
	(e) Parametric Cost Estimating Used to Develop Cost.	No																																													
	(f) An energy study and life cycle cost analysis will be documented during the final design.																																														
	(g) Type of Design Contract.....	Design-Build																																													
(2) Basis:	(a) Standard or Definitive Design.....	No																																													
	(b) Where Design Was Most Recently Used.....	N/A																																													
(3) Total Cost (c) = (a) + (b) or (d) + (e):	(\$000)																																														
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(b) All Other Design Costs	1296																																														
(c) Total	1717																																														
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(4) Contract Award.....	10/00																																														
(5) Construction Start.....	12/00																																														
(6) Construction Completion.....	12/02																																														
b. Equipment associated with this project which will be provided from other appropriations:																																															
Equipment <u>Nomenclature</u>	Procuring <u>Appropriation</u>	Fiscal Year Appropriated Or Requested (\$000) Cost																																													
Furniture	OMAR	2002 3513																																													
Kitchen Equipment	OMAR	2001 110																																													
Wire Partitions	OMAR	2001 267																																													
Metal Shelving	OMAR	2001 192																																													
		TOTAL: 4082																																													
Point of Contact: LTC Lincoln, 703-601-3419																																															

1. COMPONENT USAR	FY 2001 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE Feb 00	
3. INSTALLATION AND LOCATION USAR Center, Fort Polk, LA		4. AREA CONSTR COST INDEX 0.89		
5. FREQUENCY AND TYPE UTILIZATION				
Reservists - 2 weekends/month		2 nights/week		
Full-Time Personnel - 5 days/week				
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS ARNG, Armory, Fort Polk, LA - 2 kilometers ARNG, Armory, De Ridder, LA - 27 kilometers ARNG, Armory, Oakdale, LA - 60 kilometers				
7. PROJECTS REQUESTED IN THIS PROGRAM				
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN STATUS
17140	Add/Alt USAR CTR/OMS/ECS	8,025 m ²	9,912	START 03/98 COMPLETE 09/00
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Facilities identified in Item 6 have been examined by the Joint Service Reserve Component Facility Board for possible joint use/expansion. The board recommends unilateral construction.				21 Jan 1999 (Date)
9. LAND ACQUISITION REQUIRED None				0 (Number of Acres)
10. PROJECTS PLANNED IN NEXT FOUR YEARS None				

1. COMPONENT USAR	FY 2001 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE Feb 00
3. INSTALLATION AND LOCATION USAR Center, Fort Polk, LA		4. AREA CONSTR COST INDEX 0.89
11. PERSONNEL STRENGTH AS OF: 30 Nov 1999		
	PERMANENT	GUARD/RESERVE
	<u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u> <u>CIVILIAN</u>	<u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u>
AUTHORIZE	2 1 1 0	71 6 65
ACTUAL	2 1 1 0	82 6 76
12. RESERVE UNIT DATA ASGD/AUTH 115%		
STRENGTH		
UNIT DESIGNATION	AUTHORIZED	ACTUAL
DET 1, 4013TH USAR GSA	65	76
416TH FE TM, FORT POLK	6	6
Totals	71	82
13. MAJOR EQUIPMENT AND AIRCRAFT		
TYPE	AUTHORIZED	ACTUAL
Wheeled Vehicles	3	3
Totals	3	3
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES		
	(\$000)	
Air Pollution	0	
Water Pollution	0	
Safety and Occupational Health	0	

1. COMPONENT USAR	FY 2001 MILITARY CONSTRUCTION PROJECT DATA			2. DATE Feb 00
3. INSTALLATION AND LOCATION USAR Center Fort Polk, LA		4. PROJECT TITLE Add/Alt USAR CTR/OMS/ECS		
5. PROGRAM ELEMENT 0532292A	6. CATEGORY CODE 17140	7. PROJECT NUMBER CAR 01-05312	8. PROJECT COST (\$000) 9,912	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITIES:</u>				<u>7232</u>
Training Building (6,906 sf)	m2	642	1267.91	(814)
Maintenance Building (16,689 sf)	m2	1,550	1071.61	(1661)
Alteration OMS (12,440 sf)	m2	1,156	1070.93	(1238)
Warehouse (50,340 sf)	m2	4,677	737.22	(3448)
Antiterrorism/Force Protection	LS	-	-	71
<u>SUPPORTING FACILITIES:</u>				<u>2145</u>
Site Improvement	LS	-	-	(1926)
Telecommunications	LS	-	-	(195)
Antiterrorism/Force Protection	LS	-	-	(24)
TOTAL CONSTRUCTION COST				9377
Contingencies (.0 %)				0
Supervision and Administration (5.7 %)				535
TOTAL PROJECT COST				<u>9912</u>
10. DESCRIPTION OF PROPOSED CONSTRUCTION				
Construct a new 60-member US Army Reserve Center (USARC), an Equipment Concentration Site (ECS), and a new ECS warehouse at Fort Polk, Louisiana. The buildings will be permanent construction with reinforced concrete Foundations, concrete floor slabs, structural steel frames, masonry veneer walls standing seam metal roof, HVAC systems, electrical systems, and security systems (fire alarm connected via radio and security system telephone lines for intrusion alarms). Supporting facilities include land clearing, paving, fencing, general site improvements, and extension of utilities to serve projects. Force protection (physical security) measures will be incorporated into design including maximum feasible standoff distance from roads, parking area, and vehicle unloading areas, berms, heavy landscaping, and bollards to prevent access when standoff distance cannot be maintained. Air Conditioning: 88 kw				
11. REQUIREMENT: 8,025 m ²	Adequate:	0m ²	Substandard:	7,309 m ²
PROJECT: Construct a 60-member USARC, ECS, and an ECS Warehouse. (Current Mission).				
REQUIREMENT: This project will provide facilities necessary to conduct and support training of USAR units stationed at Fort Polk by eliminating 19 substandard WWII wood, overcrowded, inadequate facilities. The project will provide a new 60-member USARC facility located on Fort Polk with administrative areas, classrooms, library, learning center and assembly hall for reserve units. The ECS will provide space for maintenance				

1. COMPONENT USAR	FY 2001 MILITARY CONSTRUCTION PROJECT DATA		2. DATE Feb 00
3. INSTALLATION AND LOCATION USAR Center Fort Polk, LA			
4. PROJECT TITLE Add/Alt USAR CTR/OMS/ECS	5. PROJECT NUMBER CAR 01-05312		
11. REQUIREMENT (CONT) <p>training to accomplish organizational maintenance of two USAR units and support the ECS missions. Also, the project provides for a new 4677 square meter warehouse to support the ECS storage mission. Intrusion detection system (IDS) support requirements are for weapons vault and fire/security alarms.</p> <p>CURRENT SITUATION: The ECS occupies an existing substandard 1,087 square meter USAR maintenance facility that contains office space, supply and storage, arms vault and three maintenance bays. In addition, USAR units occupy 13 WWII buildings used for administrative space and storage. Due to deterioration, the facilities roofs leak and are uneconomical for repair causing damage to stored equipment. The existing ECS shop space is too small to accommodate the larger items of equipment, which necessitates outdoor maintenance work.</p> <p>IMPACT IF NOT PROVIDED: If this project is not approved, continued use of inadequate facilities will adversely affect the readiness of the units assigned at Fort Polk and the ECS ability to receive, maintain, and issue equipment needed at Fort Polk for annual training. Equipment storage requirements for Reserve units located throughout Louisiana and East Texas are also affected. The WWII wood facilities will continue to deteriorate causing unit morale to decline and continued structural damage will occur increasing already excessive maintenance costs. Fort Polk Department of Public Works will not be able to comply with DA guidance to dispose of WWII wood structures.</p> <p>ADDITIONAL: This project has been coordinated with the installation physical security plan and no force protection/combating terrorism measures other than those required by regulation and design guides for protecting Federal property are included. An economic analysis has been prepared and utilized in evaluating this project. Alternative methods of meeting this requirement have been explored during project development. This project is the most feasible option to meet the requirement. Parametric estimates have not been used to develop project costs.</p>			

1. COMPONENT USAR	FY 20011 MILITARY CONSTRUCTION PROJECT DATA		2. DATE Feb 00																								
3. INSTALLATION AND LOCATION USAR Center Fort Polk, LA																											
4. PROJECT TITLE Add/Alt USAR CTR/OMS/ECS	5. PROJECT NUMBER CAR 01-05312																										
12. SUPPLEMENTAL DATA:																											
a. Estimated design data:																											
(1) Status:																											
(a) Date Design Started..... <u>03/98</u>																											
(b) Percent Complete as of January 2000. <u>35%</u>																											
(c) Date Design 35% Complete..... <u>09/98</u>																											
(d) Date Design Complete..... <u>09/00</u>																											
(e) Parametric Cost Estimating Used to Develop Cost. <u>No</u>																											
(f) An energy study and life cycle cost analysis will be documented during the final design.																											
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(2) Basis:																											
(a) Standard or Definitive Design..... <u>No</u>																											
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(3) Total Cost (c) = (a) + (b) or (d) + (e) : (\$000)																											
(a) Production of Plans and Specifications..... <u>274</u>																											
(b) All Other Design Costs..... <u>721</u>																											
(c) Total..... <u>995</u>																											
(d) Contract..... <u>995</u>																											
(e) In-house..... <u>0</u>																											
(4) Contract Award..... <u>10/00</u>																											
(5) Construction Start..... <u>01/01</u>																											
(6) Construction Completion..... <u>01/02</u>																											
b. Equipment associated with this project which will be provided from other appropriations:																											
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Point of Contact: LTC Lincoln, 703-601-3419																											

1. COMPONENT USAR	FY 2001 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE Feb 00	
3. INSTALLATION AND LOCATION USAR Center, New Orleans, LA		4. AREA CONSTR COST INDEX 0.95		
5. FREQUENCY AND TYPE UTILIZATION				
Reservists	3 weekends/month	3 nights/week		
Full-Time Personnel -	5 days/week			
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS				
USAR, Center, New Orleans, LA - 3 kilometers				
USMCR, Armory, New Orleans, LA - 3 kilometers				
USCG, Center, New Orleans, LA - 5 kilometers				
USAR, Center, New Orleans, LA - 5 kilometers				
USCG, Center, New Orleans, LA - 6 kilometers				
7. PROJECTS REQUESTED IN THIS PROGRAM				
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN STATUS
17140	USAR CTR/OMS/Unheated Storage	6,529 m ²	10,375	START 02/98 COMPLETE 09/00
6. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION				
Facilities identified in Item 6 have been examined by the <u>21 Jan 1999</u> Joint Service Reserve Component Facility Board for possible <u>(Date)</u> joint use/expansion. The board recommends unilateral construction.				
9. LAND ACQUISITION REQUIRED				0 <i>(Number of Acres)</i>
None				
10. PROJECTS PLANNED IN NEXT FOUR YEARS				
None				

1. COMPONENT USAR	FY 2001 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE Feb 00																																			
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11. PERSONNEL STRENGTH AS OF: 30 Nov 1999																																					
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	PERMANENT				GUARD/RESERVE																																
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12. RESERVE UNIT DATA ASGD/AUTH 76 %																																					
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1. COMPONENT USAR	FY 2001 MILITARY CONSTRUCTION PROJECT DATA			2. DATE Feb 00
3. INSTALLATION AND LOCATION USAR Center New Orleans, LA		4. PROJECT TITLE USAR CTR/OMS/Unheated Storage		
5. PROGRAM ELEMENT 0532292A	6. CATEGORY CODE 17140	7. PROJECT NUMBER CAR 01-10199	8. PROJECT COST (\$000) 10,375	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITIES:				7260
Training Building (62,904 sf)	m2	5,844	1134.50	(6630)
Maintenance Building (3,768 sf)	m2	350	1300.00	(455)
Unheated Storage (3,608 sf)	m2	335	391.04	(131)
Antiterrorism/Force Protection	LS	-	-	(44)
SUPPORTING FACILITIES:				2555
Site Improvement	LS	-	-	(2223)
Telecommunications	LS	-	-	(293)
Antiterrorism/Force Protection	LS	-	-	(39)
TOTAL CONSTRUCTION COST				9815
Contingencies (.0 %)				0
Supervision and Administration (5.7 %)				560
TOTAL PROJECT COST				10375
10. DESCRIPTION OF PROPOSED CONSTRUCTION				
Construct a new two story, 600-member US Army Reserve Center (USARC), an Unheated Storage building, and a one story Organizational Maintenance Shop (OMS). Permanent construction includes reinforced concrete foundations, concrete floor slab, structural steel frame, masonry veneer exterior walls, standing seam roofing, mechanical systems, and electrical systems. Force protection (physical security) measures will be incorporated into design including maximum feasible standoff distance from roads, parking areas, and vehicle unloading areas, berms, heavy landscaping, and bollards to prevent access when standoff distance cannot be maintained. Air Conditioning: 70 kw.				
11. REQUIREMENT: 6,529 m ²	Adequate:	0m ²	Substandard:	0m ²
PROJECT: Construct a 600-member USARC, unheated storage building, and an OMS. (Current Mission)				
REQUIREMENT This project provides facilities necessary to conduct and support training for 90th RSC units in the New Orleans area. This 600-member training facility provides administrative areas, classrooms, library, learning center, assembly hall, arms vault, kitchen, and unit storage capability for the functional training of units. The project provides an OMS facility for the functional training of maintenance personnel. The OMS space includes workbays, parts and tools storage, maintenance offices, supply and battery rooms, flammable storage, controlled waste storage, toilets, Military Equipment Parking, and				

1. COMPONENT USAR	FY 2001 MILITARY CONSTRUCTION PROJECT DATA		2. DATE Feb 00
3. INSTALLATION AND LOCATION USAR Center New Orleans, LA			
4. PROJECT TITLE USAR CTR/OMS/Unheated Storage		5. PROJECT NUMBER CAR 01-10199	
11. REQUIREMENT (CONT) Privately Owned Vehicle parking. Intrusion detection systems (IDS) support requirements are for weapons vault and fire/security alarm. CURRENT SITUATION: The 90th RSC currently houses units in two government-owned, one permitted, and one leased facility. The government-owned Fleming USARC houses seven units with a current utilization rate of 153 percent in the training facility and 301 percent in the maintenance facility. The government-owned Diamond USARC houses ten reserve units with a current utilization rate of 140 percent in the training facility and 544 percent in the maintenance facility. The permitted Navy Support Activity USARC houses two units with a current utilization rate for the training facility of 227 percent. The leased Michoud Boulevard Center houses eight reserve units and costs the government \$178,008 per year. The lease expires in 2000. An estimate of the renewal cost to the government in 2000 is approximately \$212,000. The current utilization rate for this facility is 139 percent for the training facility and 1,173 percent for the maintenance facility. This new facility will alleviate overcrowding in the government-owned centers and allow cancellation of the leased facility. Land for this project was purchased in 1994. IMPACT IF NOT PROVIDED: Units will be prohibited from properly conducting training and maintaining their readiness and mobilization objectives with the continued use of substandard and overcrowded facilities. ADDITIONAL: This project was coordinated with the Regional Support Command Physical Security Plan and no force protection/combating terrorism measures other than those required by regulations and design guides for protecting Federal property are included. An economic analysis was prepared and utilized in evaluating this project. Alternative methods of meeting this requirement were explored during project development. This project is the most feasible option to meet the requirement. Parametric estimates have not been used to develop project cost.			

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12. SUPPLEMENTAL DATA:																															
a. Estimated design data:																															
(1) Status: (a) Date Design Started..... <u>02/98</u> (b) Percent Complete as of January 2000..... <u>35%</u> (c) Date Design 35% Complete..... <u>09/98</u> (d) Date Design Complete..... <u>09/00</u> (e) Parametric Cost Estimating Used to Develop Cost. No (f) An energy study and life cycle cost analysis will be documented during the final design. (g) Type of Design Contract..... <u>Design-Bid-Build</u>																															
(2) Basis: (a) Standard or Definitive Design..... No (b) Where Design Was Most Recently Used..... N/A																															
(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000) (a) Production of Plans and Specifications..... <u>982</u> (b) All Other Design Costs..... <u>0</u> (c) Total..... <u>982</u> (d) Contract..... <u>982</u> (e) In-house..... <u>0</u> (4) Contract Award..... <u>11/00</u> (5) Construction Start..... <u>01/01</u> (6) Construction Completion..... <u>01/02</u>																															
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Equipment <u>Nomenclature</u>	Procuring <u>Appropriation</u>	Fiscal Year <u>Appropriated Or Requested</u>	Cost (\$000)																												
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TOTAL:			822																												
Point of Contact: LTC Lincoln, 703-601-3419																															

1. COMPONENT USAR	FY 2001 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE Feb 00	
3. INSTALLATION AND LOCATION USAR Center, Rochester, NH		4. AREA CONSTR COST INDEX 1.04		
5. FREQUENCY AND TYPE UTILIZATION				
Reservists		2 weekends/month	2 nights/week	
Full-Time Personnel -		5 days/week		
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS USAR, Center, Portsmouth, NH - 16 kilometers USAR, Center, Rochester, NH - 32 kilometers USAR, Center, Manchester, NH - 51 kilometers				
7. PROJECTS REQUESTED IN THIS PROGRAM				
<u>CATEGORY CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST (\$000)</u>	<u>DESIGN STATUS</u>
17140	Land Acquisition	34,357 m ²	980	START N/A COMPLETE N/A
6. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Facilities identified in Item 6 have been examined by the <u>02 Jun 1999</u> Joint Service Reserve Component Facility Board for possible <u>(Date)</u> joint use/expansion. The board recommends unilateral construction.				
9. LAND ACQUISITION REQUIRED FEE PURCHASE				8.50 <i>(Number of Acres)</i>
10. PROJECTS PLANNED IN NEXT FOUR YEARS		<u>FISCAL YEAR</u>	<u>COST (\$000)</u>	
Rochester USARC/OMS		2003	6691	

1. COMPONENT USAR	FY 2001 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE Feb 00
3. INSTALLATION AND LOCATION USAR Center, Rochester, NH		4. AREA CONSTR COST INDEX 1.04

11. PERSONNEL STRENGTH AS OF: 30 Nov 1999

	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
	AUTHORIZE	10	0	7	3	380	14
ACTUAL	5	0	3	2	291	12	279

12. RESERVE UNIT DATA

ASGD/AUTH 77%

STRENGTH

UNIT DESIGNATION	AUTHORIZED	ACTUAL
CO A 368 EN BN (CBT HVY)	144	114
D/1/304R/1BDE/98DIVIT	21	19
E/2BN/304RGT/1BDE/98DIVIT	21	12
947 QM CO PETROLEUM	194	146
Totals	380	291

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ACTUAL
Wheeled Vehicles	115	115
Trailers	65	65
Tracked Vehicles	8	8
Totals	188	188

14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

(\$ 000)

Air Pollution	0
Water Pollution	0
Safety and Occupational Health	0

1. COMPONENT USAR	FY 2001 MILITARY CONSTRUCTION PROJECT DATA			2. DATE Feb 00
3. INSTALLATION AND LOCATION USAR Center Rochester, NH		4. PROJECT TITLE Land Acquisition		
5. PROGRAM ELEMENT 0532292A	6. CATEGORY CODE 17140	7. PROJECT NUMBER CAR 01-11075	8. PROJECT COST (\$000) 980	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITIES:</u>				927
Land Acquisition (8.5 acres)	m ²	34,357	26.98	(927)
TOTAL CONSTRUCTION COST				927
Contingencies (.0%)				0
Supervision and Administration (5.7%)				53
TOTAL PROJECT COST				980
10. DESCRIPTION OF PROPOSED CONSTRUCTION				
Acquire 34,357 square meters of land for the construction of a new US Army Reserve Center (USARC) and Organizational Maintenance Shop (OMS) with supporting facilities for four units that are currently occupying overcrowded 1957 vintage centers at Rochester and Portsmouth, New Hampshire Air Conditioning: 0 kw.				
11. REQUIREMENT: 34,357 m ²	Adequate:	0m ²	Substandard:	0m ²
PROJECT: Acquire 8.5 acres or 34,357 square meters of land to support new construction of an USARC and OMS. (Current Mission)				
REQUIREMENT: This project supports an MCAR project programmed for construction in FY 2003.				
CURRENT SITUATION: Units programmed for this project are currently located in two overcrowded 1957 vintage centers at Portsmouth and Rochester, NH. The two centers this project will eliminate are located on less than four acres each with no expansion capability. The Rochester USARC is currently at 197% utilization for the training center and 552% for the OMS. The Portsmouth USARC is currently at 271% utilization for the training center and 817% for the OMS.				
IMPACT IF NOT PROVIDED: Failure to fund this land acquisition would delay construction and disposal of two seriously overcrowded 1957 vintage facilities with no room for expansion. The conditions at both facilities				

1. COMPONENT USAR	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE Feb 00
3. INSTALLATION AND LOCATION USAR Center Rochester, NH		
4. PROJECT TITLE Land Acquisition	5. PROJECT NUMBER CAR 01-11075	

11. REQUIREMENT (CONT)

do not foster unit training, readiness or preparation for mobilization, and the high operation and maintenance cost will continue to escalate. The four USAR units' readiness will continue to deteriorate to unacceptable levels without proper facilities for training.

12. SUPPLEMENTAL DATA:

a. Estimated design data:

- (1) Status:
 - (a) Date Design Started..... N/A
 - (b) Percent Complete as of January 2000..... N/A
 - (c) Date Design 35% Complete..... N/A
 - (d) Date Design Complete..... N/A
 - (e) Parametric Cost Estimating Used to Develop Cost. No
 - (f) An energy study and life cycle cost analysis will be documented during the final design.
 - (g) Type of Design Contract..... N/A
- (2) Basis:
 - (a) Standard or Definitive Design..... No
 - (b) Where Design Was Most Recently Used..... N/A
- (3) Total Cost (c) = (a) + (b) or (d) + (e) : (\$000)
 - (a) Production of Plans and Specifications..... 0
 - (b) All Other Design Costs..... 0
 - (c) Total..... 0
 - (d) Contract..... 0
 - (e) In-house..... 0
- (4) Contract Award..... N/A
- (5) Construction Start..... N/A
- (6) Construction Completion..... N/A

b. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
N/A			

Point of Contact: LTC Yeldell, 703-601-3420

1. COMPONENT USAR	FY 2001 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE Feb 00		
3. INSTALLATION AND LOCATION USAR Center, Camp Bullis, TX		4. AREA CONSTR COST INDEX 0.82			
5. FREQUENCY AND TYPE UTILIZATION					
Reservists		2 weekends/month	2 nights/week		
Full-Time Personnel -		5 days/week			
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS					
USA, Camp Bullis TX - 0 kilometers					
ARNG, Armory, Camp Stanley, TX - 3 kilometers					
USAR, Center, San Antonio, TX - 16 kilometers					
USAF, Kelly AFB, TX - 24 kilometers					
USAR, Center, San Antonio, TX - 29 kilometers					
7. PROJECTS REQUESTED IN THIS PROGRAM					
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN STATUS	
17140	USAR CTR/Unheated Storage	974 m2	1,464	01/99	05/00
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION				12 Aug 1999 (Date)	
Facilities identified in Item 6 have been examined by the Joint Service Reserve Component Facility Board for possible joint use/expansion. The board recommends unilateral construction.					
9. LAND ACQUISITION REQUIRED				0 (Number of Acres)	
None					
10. PROJECTS PLANNED IN NEXT FOUR YEARS					
None					

1. COMPONENT USAR	FY 2001 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE Feb 00
3. INSTALLATION AND LOCATION USAR Center, Camp Bullis, TX		4. AREA CONSTR COST INDEX 0 . 8 2

11. PERSONNEL STRENGTH AS OF: 30 Nov 1999

	PERMANENT			GUARD/RESERVE			
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZE	2	0	0	2	66	5	61
ACTUAL	2	0	0	2	109	21	88

12. RESERVE UNIT DATA
ASGD/AUTH 165%

UNIT DESIGNATION	STRENGTH	
	AUTHORIZED	ACTUAL
DET1 1/355 FA NB 1 BDE 95	2 4	2 4
6/95TH AUG BN (MI) 3 BDE	4 2	8 5
Totals	6 6	1 0 9

13. MAJOR EQUIPMENT AND AIRCRAFT

TYPE	AUTHORIZED	ACTUAL
None		

14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES

	(^{\$} 000)
Air Pollution	0
Water Pollution	0
Safety and Occupational Health	0

1. COMPONENT USAR	FY 2001 MILITARY CONSTRUCTION PROJECT DATA			2. DATE Feb 00
3. INSTALLATION AND LOCATION USAR Center Camp Bullis, TX		4. PROJECT TITLE USAR CTR/Unheated Storage		
5. PROGRAM ELEMENT 0532292A	6. CATEGORY CODE 17140	7. PROJECT NUMBER CAR 01-11118	8. PROJECT COST (\$000) 1,464	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITIES:</u>				1094
Training Building (10,347 sf)	m2	961	1119.67	(1076)
Unheated Storage (136 sf)	m2	13	538.46	(7)
Antiterrorism/Force Protection	LS	-	-	(11)
<u>SUPPORTING FACILITIES:</u>				291
Telecommunications	LS	-	-	(96)
Site Improvement	LS	-	-	(193)
Antiterrorism/Force Protection	LS	-	-	(2)
TOTAL CONSTRUCTION COST				1385
Contingencies (.0%)				0
Supervision and Administration (5.7%)				79
TOTAL PROJECT COST				1464
10. DESCRIPTION OF PROPOSED CONSTRUCTION				
<p>Construct a 60-member US Army Reserve Center (USARC), and an unheated storage building. Buildings will be permanent construction with reinforced concrete foundations, concrete floor slabs, structural steel frames, masonry veneer walls, standing seam metal roof, HVAC Systems, mechanical systems and electrical systems, and security systems (fire alarm connected via radio and security system telephone lines for intrusion alarms). Supporting facilities include land clearing, paving, fencing, general site improvements, and extension of utilities to serve projects. Force protection (physical security) measures will be incorporated into design including maximum feasible standoff distance from roads, parking areas, and vehicle unloading areas, berms, heavy landscaping, and bollards to prevent access when standoff distance cannot be maintained. Air Conditioning: 88 kw.</p>				
11. REQUIREMENT:	974 m ²	Adequate:	0m ²	Substandard: 0m ²
PROJECT: Construct a 60-member USARC and an unheated storage building. (Current Mission)				
<p>REQUIREMENT: This project provides a 60-member training facility with administrative, classroom, educational, storage, and support areas for one USARF School/Training Battalion on a currently master planned site at Camp Bullis, Texas. Also, the project provides for an unheated storage building and a privately owned vehicle (POV) parking. An intrusion detection system is provided to support fire and security alarm requirements.</p>				

1. COMPONENT USAR	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE Feb 00
3. INSTALLATION AND LOCATION USAR Center Camp Bullis, TX		
4. PROJECT TITLE USAR CTR/Unheated Storage	5. PROJECT NUMBER CAR 01-11118	
11. REQUIREMENT (CONT)		
<p>CURRENT SITUATION: One USARF School/Training Battalion and one Military Intelligence detachment are currently housed at Camp Bullis in five WWII wood buildings. Building 5903 is the main administrative building, constructed in 1930, and consists of 483 square meters. Buildings 5122 and 5123, both constructed in 1930, consisting of 335 and 241 square meters respectively are used as classroom facilities. Building 5906, constructed in 1951, consists of 53 square meters, is used as publication storage. Building 5907, constructed in 1930, consisting of 53 square meters, is the only men's and women's toilet facility. Buildings 5122, 5123, 5903, and 5906 do not have toilet facilities. All of the buildings are in various stages of advance deterioration including structural damage. In two of the 1930 buildings, the ceiling joists are bowing down in the center forcing the exterior walls to lean outward approximately two inches. Estimated cost for repair greatly exceeds the replacement value due to the structural damage and advanced deterioration in all of the buildings.</p> <p>IMPACT IF NOT PROVIDED: Units will be prohibited from properly conducting training and maintaining their readiness and mobilization objectives with the continued use of substandard and overcrowded facilities. Additional deterioration or severe weather could make the existing structures unsafe. The unit will have to be relocated in the near future, possibly into a leased facility.</p> <p>ADDITIONAL: This project was coordinated with the Regional Support Command and the installation physical security plan and no force protection/combating terrorism measures other than those required by regulations and design guides for protecting Federal property are included. An economic analysis was prepared and used in evaluating this project. Alternative methods of meeting this requirement were explored during project development. This project is the most feasible option to meet the requirement. Parametric estimates were not used to develop project costs.</p>		

1. COMPONENT USAR	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE Feb 00																				
3. INSTALLATION AND LOCATION USAR Center Camp Bullis, TX																						
4. PROJECT TITLE USAR CTR/Unheated Storage	5. PROJECT NUMBER CAR 01-11118																					
12. SUPPLEMENTAL DATA:																						
a. Estimated design data:																						
(1) Status:																						
(a) Date Design Started..... 01/99																						
(b) Percent Complete as of January 2000 50%																						
(c) Date Design 35% Complete..... 06/99																						
(d) Date Design Complete..... 05/00																						
(e) Parametric Cost Estimating Used to Develop Cost. No																						
(f) An energy study and life cycle cost analysis will be documented during the final design.																						
(g) Type of Design Contract..... <u>Design-Bid-Build</u>																						
(2) Basis:																						
(a) Standard or Definitive Design..... No																						
(b) Where Design Was Most Recently Used..... N/A																						
(3) Total Cost (c) = (a) + (b) or (d) + (e) : (\$000)																						
(a) Production of Plans and Specifications 99																						
(b) All Other Design Costs 54																						
(c) Total 153																						
(d) Contract 153																						
(e) In-house 0																						
(4) Contract Award..... 11/00																						
(5) Construction Start 02/01																						
(6) Construction Completion 02/02																						
b. Equipment associated with this project which will be provided from other appropriations:																						
<table> <thead> <tr> <th><u>Equipment Nomenclature</u></th> <th><u>Procuring Appropriation</u></th> <th><u>Fiscal Year Appropriated Or Requested</u></th> <th><u>Cost (\$000)</u></th> </tr> </thead> <tbody> <tr> <td>Furniture</td> <td>OMAR</td> <td>2002</td> <td>106</td> </tr> <tr> <td>Wire Partitions</td> <td>OMAR</td> <td>2001</td> <td>14</td> </tr> <tr> <td>Shelving</td> <td>OMAR</td> <td>2001</td> <td>17</td> </tr> <tr> <td colspan="3">TOTAL</td> <td>137</td> </tr> </tbody> </table>			<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>	Furniture	OMAR	2002	106	Wire Partitions	OMAR	2001	14	Shelving	OMAR	2001	17	TOTAL			137
<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>																			
Furniture	OMAR	2002	106																			
Wire Partitions	OMAR	2001	14																			
Shelving	OMAR	2001	17																			
TOTAL			137																			
Point of Contact: LTC Lincoln, 703-601-3419																						

1. COMPONENT USAR	FY 2001 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE Feb 00		
3. INSTALLATION AND LOCATION USAR Center, Fort Sam Houston, TX		4. AREA CONSTR COST INDEX 0.82			
5. FREQUENCY AND TYPE UTILIZATION					
Reservists	3 weekends/month	2 nights/week			
Full-Time Personnel -	5 days/week				
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS USAR, Center, Camp Bullis, TX - 32 kilometers USA, San Antonio TX - 2 kilometers USAR, Center, San Antonio, TX - 24 kilometers					
7. PROJECTS REQUESTED IN THIS PROGRAM					
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN STATUS	
17140	USAR CTR/OMS/ECS	12,264 m ²	13,678	02/98	06/00
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Facilities identified in Item 6 have been examined by the <u>12 Aug 1999</u> Joint Service Reserve Component Facility Board for possible <u>(Date)</u> joint use/expansion. The board recommends unilateral construction.					
9. LAND ACQUISITION REQUIRED None				0 <i>(Number of Acres)</i>	
10. PROJECTS PLANNED IN NEXT FOUR YEARS None					

1. COMPONENT USAR	FY 2001 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE Feb 00					
3. INSTALLATION AND LOCATION USAR Center, Fort Sam Houston, TX		4. AREA CONSTR COST INDEX 0.82					
11. PERSONNEL STRENGTH AS OF: 30 Nov 1999							
	PERMANENT	GUARD/RESERVE					
AUTHORIZE	TOTAL 42 _____	OFFICER 6 _____	ENLISTED 27 _____	CIVILIAN 9 _____	TOTAL 1612 _____	OFFICER 360 _____	ENLISTED 1252 _____
ACTUAL	TOTAL 35 _____	OFFICER 3 _____	ENLISTED 23 _____	CIVILIAN 9 _____	TOTAL 1281 _____	OFFICER 244 _____	ENLISTED 1037 _____
12. RESERVE UNIT DATA ASGD/AUTH 79%							
	STRENGTH						
UNIT DESIGNATION	AUTHORIZED	ACTUAL					
7210 USA MED SPT UNIT	42	73					
5501 HOSP USA SEC 1	520	610					
5501 HOSP USA SEC 2	76	56					
5501 SEC VET USAH	28	11					
5501 SEC BLOOD USAH	24	11					
0228 HSP CBT(USAR)	282	3					
416TH AUG ENGR SPT GP-SW	16	16					
416TH FE TM, SAN ANTONIO	5	5					
UNITS NOT SHOWN	619	496					
Totals	<hr/> 1612	<hr/> 1281					
Total Units Not Shown = 7							
13. MAJOR EQUIPMENT AND AIRCRAFT							
TYPE	AUTHORIZED	ACTUAL					
Wheeled Vehicles	229	229					
Trailers	228	228					
Totals	<hr/> 457	<hr/> 457					
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES							
	(\$000)						
Air Pollution	0						
Water Pollution	0						
Safety and Occupational Health	0						

1. COMPONENT	FY 2001 MILITARY CONSTRUCTION PROJECT DATA			2. DATE Feb 00
3. INSTALLATION AND LOCATION USAR Center Fort Sam Houston, TX		4. PROJECT TITLE USAR CTR/OMS/ECS		
5. PROGRAM ELEMENT 0532292A	6. CATEGORY CODE 17140	7. PROJECT NUMBER CAR 01-10045	8. PROJECT COST (\$000) 13,678	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITIES:</u>				<u>11148</u>
Training Building (95,990 sf)	m2	8,918	949.99	(8472)
OMS Alteration (6,180 sf)	m2	574	470.38	(270)
ECS (24,228 sf)	m2	2,251	982.67	(2212)
Unheated Storage (5,612 sf)	m2	521	324.38	(169)
Antiterrorism/Force Protection	LS	-	-	(25)
<u>SUPPORTING FACILITIES:</u>				<u>1792</u>
Telecommunications	LS	-	-	(360)
Site Improvement Trng/Strg	LS	-	-	(639)
Site Improvement ECS	LS	-	-	(568)
Demo Dodd USARC (29,300 sf)	m2	2722	74.94	(204)
Antiterrorism/Force Protection	LS	-	-	(21)
TOTAL CONSTRUCTION COST				<u>12940</u>
Contingencies (.0 %)				0
Supervision and Administration (5.7 %)				<u>738</u>
TOTAL PROJECT COST				<u>13678</u>
10. DESCRIPTION OF PROPOSED CONSTRUCTION				
<p>Construct a 1,500-member US Army Reserve Center (USARC), an Equipment Concentration Site (ECS) maintenance building, and alter an existing Organizational Maintenance Shop (OMS/DS-GS). Buildings will be permanent construction with reinforced concrete foundations, concrete floor slabs, structural steel frames, masonry veneer, HVAC, plumbing, and electrical systems. Supporting facilities include land clearing, paving, fencing, general site improvements, and extension of utilities to serve projects. Project will include sufficient electrical, mechanical and security systems (fire alarm connected via radio and security system telephone lines for intrusion alarms). Force protection (physical security) measures will be incorporated into design including maximum feasible standoff distance from roads, parking areas, vehicle unloading areas, berms, heavy landscaping, and bollards to prevent access when standoff distance cannot be maintained.</p> <p>Air Conditioning: 70 kw.</p>				
11. REQUIREMENT: 12,264 m ²	Adequate:	0m2	Substandard:	0m2
PROJECT: Construct a 1,500-member USARC, an ECS, and alter an existing OMS with Direct Support-General Support (DS-GS) capability. (Current Mission)				
REQUIREMENT: This project will provide facilities necessary to conduct and support training of the Reserve Components by eliminating overcrowded conditions in four government-owned centers on or around Fort Sam Houston. This 1,500-member training facility will provide administrative areas, classrooms library, learning center, assembly hall, arms vault, kitchen,				

1. COMPONENT USAR	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE Feb 00
3. INSTALLATION AND LOCATION USAR Center Fort Sam Houston, TX		
4. PROJECT TITLE USAR CTR/OMS/ECS	5. PROJECT NUMBER CAR 01-10045	
11. REQUIREMENT (CONT)		
<p>and unit storage functions for 15 reserve units and one ECS. The existing 1960 vintage Dodd Field USARC will be demolished to provide the site for the new USARC. An alteration to the existing OMS maintenance shop will conform with the various units space requirements to accomplish organizational maintenance and direct and general support (DS-GS) maintenance for tenant units. An ECS maintenance facility will be provided consisting of 13 workbays and maintenance administrative areas to support 26 mechanics, 18 maintenance administrative personnel, seven warehouse personnel, and one small arms repairer. The project will also provide adequate parking space for all military and privately owned vehicles. The 217th Transportation Company is authorized Heavy Equipment Transporter System (HETS). Due to the large size of this equipment, a large amount of space is required for both parking the vehicles and for operator training. Requirements for maintenance also have to be considered due to size of the equipment. One HETS requires the use of two 40-foot maintenance bays. This project also includes the 228th Combat Support Hospital, a multi-component unit with an anticipated 35 full-time personnel, which activates in September 2001.</p>		
<p>CURRENT SITUATION: Two 416th Engineer Command units are currently housed in building 2250 on Fort Sam Houston. This facility was constructed in the 1890's. It is a category II historical structure constructed of load bearing masonry walls. The original porch was enclosed in 1938 as troop housing. The loads placed on the porch are causing separation from the building. Similar facilities have been assigned a risk assessment code of II-B by their Active Army occupants due to this same condition. A historical restoration project by Fort Sam Houston Director of Public Works completed in 1997 restored the open porches reducing the available floor space by one third. The facility provides only administrative space. These buildings do not have an assembly hall, kitchen, arms vault, classrooms, or storage space. The lighting and electrical systems are poor and outdated.</p>		
<p>The GEN Stillwell Memorial USARC was constructed in 1981. The facility houses one Regional Support Group, one Military History Det, one Public Affairs Det, one Adjutant General Det, one Transportation Company, one Military Intelligence Co, one USAR Garrison Support Unit, one USARC Readiness Assistance Team, one Adjutant Genera.1 BN, one Medical Det, one training BDE, one Chaplain Det, one Civil Affairs BDE, and one ECS. The facility is overcrowded with a current utilization rate of 153 percent. It does not have adequate administrative, storage, and maintenance space. The existing maintenance shop is a 10 work bay (5 drive through) facility with</p>		

1. COMPONENT USAR	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE Feb 00
3. INSTALLATION AND LOCATION USAR Center Fort Sam Houston, TX		
4. PROJECT TITLE USAR CTR/OMS/ECS	5. PROJECT NUMBER CAR 01-10045	
11. REQUIREMENT (CONT) <p>a current utilization rate of 187 percent. The 44 full-time ECS employees utilize the majority of the maintenance space. This restricts the assigned units in the performance of their mission.</p> <p>The Boswell USARC was constructed in 1962. This is a government-owned facility with a current utilization rate of 185 percent. Two maintenance companies (DS-GS), one maintenance battalion (DS-GS), and one quartermaster company occupy the center. The OMS utilization rate is 216 percent.</p> <p>The Callaghan USARC was constructed in 1965. This is a government-owned facility with a current utilization rate of 175 percent for the training center and 315 percent for the maintenance shop. Two engineer companies, one engineer detachment, and one engineer team will remain in this facility.</p> <p>The Dodd Field USARC was constructed in 1960. This is a government-owned facility with a projected utilization rate of over 275 percent upon the activation of AC/RC Combat Support Unit and Medical Det with 35 full-time personnel. The facility will house two Hospital units, one Medical Det, and one Medical Support unit. This is a small substandard facility that requires complete renovation and construction of additional space to support the reserve mission. Due to the magnitude of the renovation/addition of the Dodd Field facility, it's more advantageous to the Government to demolish the Dodd Field Facility and construct this project, than to develop two separate projects. Therefore, this facility will be demolished and the assigned units will be accounted for in this project. The current site is adequate for the proposed MCAR project.</p> <p>IMPACT IF NOT PROVIDED: The units will not be able to properly train and be prepared to meet their readiness and mobilization objectives with the continued use of substandard and overcrowded facilities. Minor construction projects may be required at each existing facility to support the current Army Reserve mission and provide adequate space to reduce excessive overcrowding conditions.</p> <p>ADDITIONAL: This project has been coordinated with the installation physical security plan and no force protection/combatting terrorism measures other than those required by regulations and design guides for protecting Federal property are included. An economic analysis has been prepared and utilized in evaluating this project. Alternative methods of meeting this requirement have been explored during project development. This project is the most feasible option to meet the requirement. Parametric estimates</p>		

1. COMPONENT USAR	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE Feb 00																																																																										
3. INSTALLATION AND LOCATION USAR Center Fort Sam Houston, TX																																																																												
4. PROJECT TITLE USAR CTR/OMS/ECS	5. PROJECT NUMBER CAR 01-10045																																																																											
<p>11. REQUIREMENT (CONT) were not used to develop project costs.</p> <p>12. SUPPLEMENTAL DATA:</p> <p>a. Estimated design data:</p> <p>(1) Status:</p> <table> <tr><td>(a)</td><td>Date Design Started.....</td><td><u>02/98</u></td></tr> <tr><td>(b)</td><td>Percent Complete as of January 2000</td><td><u>65%</u></td></tr> <tr><td>(c)</td><td>Date Design 35% Complete.....</td><td><u>09/99</u></td></tr> <tr><td>(d)</td><td>Date Design Complete.....</td><td><u>06/00</u></td></tr> <tr><td>(e)</td><td>Parametric Cost Estimating Used to Develop Cost. No</td><td></td></tr> <tr><td>(f)</td><td>An energy study and life cycle cost analysis will be documented during the final design.</td><td></td></tr> <tr><td>(g)</td><td>Type of Design Contract.....</td><td><u>Design-Bid-Build</u></td></tr> </table> <p>(2) Basis:</p> <table> <tr><td>(a)</td><td>Standard or Definitive Design</td><td><u>No</u></td></tr> <tr><td>(b)</td><td>Where Design Was Most Recently Used.....</td><td><u>N/A</u></td></tr> </table> <p>(3) Total Cost (c) = (a) + (b) or (d) + (e) : (\$000)</p> <table> <tr><td>(a)</td><td>Production of Plans and Specifications.....</td><td><u>123</u></td></tr> <tr><td>(b)</td><td>All Other Design Costs.....</td><td><u>1280</u></td></tr> <tr><td>(c)</td><td>Total</td><td><u>1403</u></td></tr> <tr><td>(d)</td><td>Contract</td><td><u>1403</u></td></tr> <tr><td>(e)</td><td>In-house</td><td><u>0</u></td></tr> </table> <p>(4) Contract Award..... <u>10/00</u></p> <p>(5) Construction Start..... <u>10/00</u></p> <p>(6) Construction Completion..... <u>12/02</u></p> <p>b. Equipment associated with this project which will be provided from other appropriations:</p> <table> <thead> <tr> <th>Equipment <u>Nomenclature</u></th> <th>Procuring <u>Appropriation</u></th> <th>Fiscal Year <u>Appropriated Or Requested</u></th> <th>Cost (\$000)</th> </tr> </thead> <tbody> <tr><td>Furniture</td><td>OMAR</td><td>2002</td><td><u>413</u></td></tr> <tr><td>Kitchen Equipment</td><td>OMAR</td><td>2001</td><td><u>194</u></td></tr> <tr><td>Wire Partitions</td><td>OMAR</td><td>2001</td><td><u>136</u></td></tr> <tr><td>Metal Lockers</td><td>OMAR</td><td>2001</td><td><u>116</u></td></tr> <tr><td>Dehumidifier</td><td>OMAR</td><td>2001</td><td><u>1</u></td></tr> <tr><td>Shelving</td><td>OMAR</td><td>2001</td><td><u>114</u></td></tr> <tr><td colspan="3">TOTAL:</td><td><u>974</u></td></tr> </tbody> </table> <p>Point of Contact: LTC Lincoln, 703-601-3419</p>			(a)	Date Design Started.....	<u>02/98</u>	(b)	Percent Complete as of January 2000	<u>65%</u>	(c)	Date Design 35% Complete.....	<u>09/99</u>	(d)	Date Design Complete.....	<u>06/00</u>	(e)	Parametric Cost Estimating Used to Develop Cost. No		(f)	An energy study and life cycle cost analysis will be documented during the final design.		(g)	Type of Design Contract.....	<u>Design-Bid-Build</u>	(a)	Standard or Definitive Design	<u>No</u>	(b)	Where Design Was Most Recently Used.....	<u>N/A</u>	(a)	Production of Plans and Specifications.....	<u>123</u>	(b)	All Other Design Costs.....	<u>1280</u>	(c)	Total	<u>1403</u>	(d)	Contract	<u>1403</u>	(e)	In-house	<u>0</u>	Equipment <u>Nomenclature</u>	Procuring <u>Appropriation</u>	Fiscal Year <u>Appropriated Or Requested</u>	Cost (\$000)	Furniture	OMAR	2002	<u>413</u>	Kitchen Equipment	OMAR	2001	<u>194</u>	Wire Partitions	OMAR	2001	<u>136</u>	Metal Lockers	OMAR	2001	<u>116</u>	Dehumidifier	OMAR	2001	<u>1</u>	Shelving	OMAR	2001	<u>114</u>	TOTAL:			<u>974</u>
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1. COMPONENT USAR	FY 2001 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE Feb 00		
3. INSTALLATION AND LOCATION USAR Center, Fort A P Hill, VA		4. AREA CONSTR COST INDEX 0.86			
5. FREQUENCY AND TYPE UTILIZATION					
Reservists		3 weekends/month	2 nights/week		
Full-Time Personnel -		5 days/week			
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS USAR, Center, Richmond, VA - 80 kilometers USAR, Center, Richmond, VA - 84 kilometers USAR, Center, Richmond, VA - 89 kilometers USMC, Center, Richmond, VA - 89 kilometers					
7. PROJECTS REQUESTED IN THIS PROGRAM					
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN STATUS	
17140	USAR CTR/OMS/AMSA	2,394 m ²	4,275	02/99	06/00
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Facilities identified in Item 6 have been examined by the Joint Service Reserve Component Facility Board for possible joint use/expansion. The board recommends unilateral construction.				08 Apr 1999 (Date)	
9. LAND ACQUISITION REQUIRED None				0 (Number of Acres)	
10. PROJECTS PLANNED IN NEXT FOUR YEARS				None	

1. COMPONENT USAR	FY 2001 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE Feb 00		
3. INSTALLATION AND LOCATION USAR Center, Fort A P Hill, VA				4. AREA CONSTR COST INDEX 0.86			
11. PERSONNEL STRENGTH AS OF: 30 Nov 1999							
AUTHORIZE	PERMANENT			GUARD/RESERVE			
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
	11	4	4	3	106	10	96
ACTUAL	11	4	4	3	92	10	82
12. RESERVE UNIT DATA ASGD/AUTH 87%							
UNIT DESIGNATION			STRENGTH				
1478 LOG SPT BN			AUTHORIZED	ACTUAL			
DET 2, 377 CM CO			50	50			
DET 1, 88TH MP CO			23	17			
Totals			33	25			
			106	92			
13. MAJOR EQUIPMENT AND AIRCRAFT							
TYPE		AUTHORIZED		ACTUAL			
Wheeled Vehicles		167		167			
Trailers		24		24			
Totals		191		191			
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES							
(\$000)							
Air Pollution		0					
Water Pollution		0					
Safety and Occupational Health		0					

1. COMPONENT USAR	FY 2001 MILITARY CONSTRUCTION PROJECT DATA			2. DATE Feb 00
3. INSTALLATION AND LOCATION USAR Center Fort A P Hill, VA		4. PROJECT TITLE USAR CTR/OMS/AMSA		
5. PROGRAM ELEMENT 0532292A	6. CATEGORY CODE 17140	7. PROJECT NUMBER CAR 01-10718	8. PROJECT COST (\$000) 4,275	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITIES:</u>				<u>3228</u>
Training Building (20,038 sf)	m2	1,862	1258.86	(2344)
Maintenance Building (5185 sf)	m2	482	1300.83	(627)
Unheated Storage (536 sf)	m2	50	760.00	(38)
Package Wastewtr Trmt Plant	LS	-	-	(180)
Antiterrorism/Force Protection	LS	-	-	(39)
<u>SUPPORTING FACILITIES:</u>				<u>816</u>
Site Improvement	LS	-	-	(635)
Telecommunications	LS	-	-	(171)
Antiterrorism/Force Protection	LS	-	-	(10)
TOTAL CONSTRUCTION COST				<u>4044</u>
Contingencies (.0 %)				0
Supervision and Administration (5.7 %)				<u>231</u>
TOTAL PROJECT COST				<u>4275</u>
0. DESCRIPTION OF PROPOSED CONSTRUCTION				
<p>Construct a one-story US Army Reserve Center (USARC), an unheated storage facility and a one-story Organizational Maintenance Shop (OMS) with a branch maintenance activity collocated in the maintenance shop. The buildings will be permanent construction with reinforced concrete foundation, concrete floor slabs, structural steel frame, masonry veneer exterior walls, standing seam metal or shingled roofing, mechanical and electrical systems. The training building and maintenance facility will be designed for maximum energy efficiency. Ground source heating and cooling systems will be considered. Supporting facilities will include paving, fencing washrack with oil/water separator, site improvements and extension of utilities to service the project. The project will be protected by fire and intrusion alarms systems. Project will include provision of a package wastewater treatment system designed to handle waste streams from the training and maintenance buildings. Force protection (physical security) measures will be incorporated into design including maximum feasible standoff distance from roads, parking areas, and vehicle unloading areas, berms, heavy landscaping, and bollards to prevent access when standoff distance cannot be maintained. Air Conditioning: 193 kw</p>				
11. REQUIREMENT: 2,394 m ²	Adequate:	0m ²	Substandard:	0m ²
PROJECT: Construct a USARC, OMS with a Branch Maintenance Activity (BMA) from ECS 88 (G) and an unheated storage building. (Current Mission)				
REQUIREMENT: This project will provide a 100-member training facility with				

1. COMPONENT USAR	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE Feb 00
3. INSTALLATION AND LOCATION USAR Center Fort A P Hill, VA		
4. PROJECT TITLE USAR CTR/OMS/AMSA	5. PROJECT NUMBER CAR 01-10718	
11. REQUIREMENT (CONT) <p>administrative areas, classrooms, library, learning center, assembly hall, arms vault, and unit storage for three units and the BMA located on Fort A.P. Hill, VA. These four USAR elements are from three separate General Officer Commands from two different Regional Support Commands. The OMS/BMA (88) will provide space for training to accomplish the organizational maintenance level by reserve units and storage for the vehicles associated with BMA (88). The unheated storage building will provide the required space to store large items. These items, like tents, do not need a climate-controlled environment. The project will provide adequate parking space for military and privately owned vehicles. Project will include an appropriately sized wastewater treatment system to handle the waste flows generated by the training and maintenance buildings.</p> <p>CURRENT SITUATION: The training units assigned to Fort A.P. Hill, VA currently occupy World War II wooden facilities that require extensive maintenance and repair to keep a minimally acceptable environment for the soldiers. These deteriorating facilities hamper the units' ability to properly train soldiers for Military Occupational Specialty qualification and sustainment training. The units occupy eight different buildings that are not within suitable distance to properly control their soldiers or properly support effective staff coordination. The existing Camp Pender wastewater treatment plant does not have sufficient treatment capacity to support the additional wastewater generated by the new reserve facility complex.</p> <p>IMPACT IF NOT PROVIDED: The units will continue to utilize substandard, overcrowded, energy inefficient World War II wooden facilities. These outdated facilities will continue to place unnecessary stress on already limited Operations and Maintenance, Army Reserve annual operating budgets. Additionally, the facilities now used do not meet the space criteria and specifications as established in AR 140-483, Army Reserve Land and Facilities Management. Continued use of these substandard facilities will negatively impact morale, recruiting, retention, and the mission readiness of all assigned units.</p> <p>ADDITIONAL: This project has been coordinated with the installation physical security plan and no force protection/combating terrorism measures other than those required by regulations and design guides for protecting Federal property are included. An economic analysis has been prepared and utilized in evaluating this project. Alternative methods of meeting this requirement have been explored during project development. This project is the most feasible option to meet the requirement. Parametric estimates</p>		

1. COMPONENT USAR	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE Feb 00
3. INSTALLATION AND LOCATION USAR Center Fort A P Hill, VA		
4. PROJECT TITLE USAR CTR/OMS/AMSA	5. PROJECT NUMBER CAR 01-10718	

11. REQUIREMENT (CONT)

have not been used to develop project costs.

2. SUPPLEMENTAL DATA:

a. Estimated design data:

- (1) Status:
 - (a) Date Design Started..... 02/99
 - (b) Percent Complete as of January 2000..... 35%
 - (c) Date Design 35% Complete..... 06/99
 - (d) Date Design Complete..... 06/00
 - (e) Parametric Cost Estimating Used to Develop Cost. No
 - (f) An energy study and life cycle cost analysis will be documented during the final design.
 - (g) Type of Design Contract..... Design-Bid-Build
- (2) Basis:
 - (a) Standard or Definitive Design..... Yes
 - (b) Where Design Was Most Recently Used..... Ft. Eustis
- (3) Total Cost (c) = (a) + (b) or (d) + (e) : (\$000)
 - (a) Production of Plans and Specifications..... 142
 - (b) All Other Design Costs..... 263
 - (c) Total..... 405
 - (d) Contract..... 405
 - (e) In-house..... 0
- (4) Contract Award..... 10/00
- (5) Construction Start..... 02/01
- (6) Construction Completion..... 03/02

b. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Furniture	OMAR	2002	<u>317</u>
Wire Partitions	OMAR	2001	<u>147</u>
Metal Lockers	OMAR	2001	<u>203</u>
Dehumidifier	OMAR	2001	<u>1</u>
Shelving	OMAR	2001	<u>203</u>

TOTAL: 871

Point of Contact: LTC Lincoln, 703-601-3419

1. COMPONENT USAR	FY 2001 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE Feb 00			
3. INSTALLATION AND LOCATION AMSA #137 (M) Tacoma, WA		4. AREA CONSTR COST INDEX 1.08			
5. FREQUENCY AND TYPE UTILIZATION					
Reservists 3 weekends/month 2 nights/week Full-Time Personnel - 5 days/week					
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS USNR, Center, Tacoma, WA - 2 kilometers USAR, Center, Tacoma, WA - 6 kilometers USAR, Center, Fort Lewis, WA - 13 kilometers OTHER, Camp Murray, WA - 14 kilometers USA, Fort Lewis, WA - 16 kilometers					
7. PROJECTS REQUESTED IN THIS PROGRAM					
CATEGORY <u>CODE</u>	PROJECT TITLE	SCOPE	<u>COST</u> (\$000)	<u>DESIGN STATUS</u>	
17140	USAR CTR/OMS/AMSA Marine	6,535 m ²	14,759	START 05/99	COMPLETE 10/00
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Facilities identified in Item 6 have been examined by the <u>20 Apr 1999</u> Joint Service Reserve Component Facility Board for possible <u>(Date)</u> joint use/expansion. The board recommends unilateral construction.					
9. LAND ACQUISITION REQUIRED None			0 (Number of Acres)		
10. PROJECTS PLANNED IN NEXT FOUR YEARS		FISCAL YEAR	COST (\$000)		
None					

1. COMPONENT USAR	FY 2001 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE Feb 00																															
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1. COMPONENT USAR	FY 2001 MILITARY CONSTRUCTION PROJECT DATA			2. DATE Feb 00
3. INSTALLATION AND LOCATION AMSA #137 (M) Tacoma, WA		4. PROJECT TITLE USAR CTR/OMS/AMSA Marine		
5. PROGRAM ELEMENT 0532292A	6. CATEGORY CODE 17140	7. PROJECT NUMBER CAR 01-10522	8. PROJECT COST (\$000) 14,759	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITIES:</u>				<u>8567</u>
Pier Support Building	LS	-	-	(300)
Unheated Storage (4268 sf)	m2	397	884.13	(351)
Training Building (42617 sf)	m2	3,959	1274.56	(5046)
Maintenance Building (23457 sf)	m2	2,179	1294.17	(2820)
Antiterrorism/Force Protection	LS	-	-	(50)
<u>SUPPORTING FACILITIES:</u>				<u>5396</u>
Demolition of Building 580	m2	2601	129.18	(336)
Repairs & Improvements to Pier	LS	-	-	(3461)
Telecommunications	LS	-	-	(63)
Site Improvement	LS	-	-	(1495)
Antiterrorism/Force Protection	LS	-	-	(41)
TOTAL CONSTRUCTION COST				13963
Contingencies (.0 %)				0
Supervision and Administration (5.7 %)				796
TOTAL PROJECT COST				<u>14759</u>
10. DESCRIPTION OF PROPOSED CONSTRUCTION				
<p>Construct a three-story 400-member US Army Reserve Center (USARC), an Organizational Maintenance Shop (OMS), and Area Maintenance Support Activity (Marine) (AMSA (M)). The building is permanent construction, reinforced concrete foundation and floor slabs, steel frame, architectural standing seam metal roof on steel joists, metal and glass panel exterior finish, mechanical and electrical systems, and security system (fire alarm connected via radio and security system telephone lines for intrusion alarms). Force protection (physical security) measures will be incorporated into design including maximum feasible standoff distance from roads, parking areas, and vehicle unloading areas, berms, heavy landscaping and bollards to prevent access when standoff distance cannot be maintained. Supporting facilities include demolishing the existing on-site structure, renovating/improving the existing 366 m pier. Air conditioning 2290 kw.</p>				
11. REQUIREMENT: 6,535 m ² Adequate: 0m ² Substandard: 7,024 m ²				
PROJECT: Construct a USARC OMS, and AMSA (M). (Current Mission)				
<p>REQUIREMENT: This facility will provide a 400-member training facility with administrative areas, classroom, library, learning center, assembly hall, arms vault, and unit storage functions for four US Army Reserve units and an AMSA (M). The maintence shop will provide space for training to accomplish organizational maintenance and for daily and cyclic maintenance of the watercraft by the AMSA (M) and units. The training and</p>				

1. COMPONENT USAR	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE Feb 00
3. INSTALLATION AND LOCATION AMSA #137 (M) Tacoma, WA		
4. PROJECT TITLE USAR CTR/OMS/AMSA Marine	5. PROJECT NUMBER CAR 01-10522	
11. REQUIREMENT (CONT) <p>administrative areas will be located adjacent to the AMSA (M) shop. It will also provide adequate privately owned vehicle parking for the full-time staff. The existing 366 meter pier will receive improvements and renovation.</p> <p>CURRENT SITUATION: Current requirements were predicated by the migration of these units in accordance w th the USAR/NGB Off-Site Agreement. Originally built by the US Navy in the 40's, the site consists of a condemned wood/metal two-story warehouse and a pier of wooden and concrete construction. The pier is in need of renovation. The USAR units are presently located in a government-owned facility located four miles from the pier. This facility is at 361% utilization and is inadequate for administrative, educational, assembly, and maintenance. The AMSA personne are working out of temporary trailers positioned on the pier. Rented port-o-lets are the only authorized latrines on site. All maintenance on watercraft is performed outside on the pier in all kinds of weather, unsheltered.</p> <p>IMPACT IF NOT PROVIDED: The units will not be able to conduct training properly and be prepared to meet their readiness and mobilization objectives with the continued use of an overcrowded facility which is not collocated with their watercraft. AMSA (M) personnel will continue to be subjected to unsafe and substandard working conditions without permanent facilities.</p> <p>ADDITIONAL: This project has been coordinated with the Regional Support Command physical security plan and no force protection/combating terrorism measures other than those required by regulations and design guides for protecting Federal property are included. An economic analysis has been prepared and utilized in evaluating this project. Alternative methods of meeting this requirement have been explored during project development. This project is the most feasible option to meet the requirement. Parametric estimates have not been used to develop project costs.</p>		

1. COMPONENT USAR	FY 2001 MILITARY CONSTRUCTION PROJECT DATA	2. DATE Feb 00
3. INSTALLATION AND LOCATION AMSA #137 (M) Tacoma, WA		
4. PROJECT TITLE USAR CTR/OMS/AMSA Marine	5. PROJECT NUMBER CAR 01-10522	

12. SUPPLEMENTAL DATA:

a. Estimated design data:

(1) Status:

- (a) Date Design Started..... 05/99
- (b) Percent Complete as of January 2000..... 35%
- (c) Date Design 35%..... 09/99
- (d) Date Design..... 10/00
- (e) Parametric Cost Estimating Used to Develop Cost. No
- (f) An energy study and life cycle cost analysis will be documented during the final design.
- (g) Type of Design Contract..... Design-Bid-Build

(2) Basis:

- (a) Standard or Definitive Design..... No
- (b) Where Design Was Most Recently Used..... N/A

(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)

- (a) Production of Plans and Specifications..... 405
- (b) All Other Design Costs..... 900
- (c) Total..... 1305
- (d) Contract..... 1305
- (e) In-house..... 0

(4) Contract Award..... 01/01

(5) Construction Start..... 03/01

(6) Construction Completion..... 03/02

b. Equipment associated with this project which will be provided from other appropriations:

Equipment <u>Nomenclature</u>	Procuring <u>Appropriation</u>	Fiscal Year <u>Appropriated Or Requested</u>	Cost (\$000)
Furniture	OMAR	2002	235
Kitchen Equipment	OMAR	2001	100
Wire Partitions	OMAR	2001	127
Metal Lockers	OMAR	2001	28
Dehumidifier	OMAR	2001	1
Shelving	OMAR	2001	<u>62</u>
TOTAL:			553

Point of Contact: LTC Cole, 703-601-3418

1. COMPONENT USAR	FY 2001 MILITARY CONSTRUCTION PROJECT DATA				2. DATE Feb 00
3. INSTALLATION AND LOCATION Worldwide Unspecified		4. PROJECT TITLE Unspecified Minor Construction			
5. PROGRAM ELEMENT 0532292A	6. CATEGORY CODE 171-40	7. PROJECT NUMBER N/A		8. PROJECT COST (\$000) 1,917	
9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
Unspecified Minor Construction	LS			1,917	
10. DESCRIPTION OF PROPOSED CONSTRUCTION Provide a lump sum for unspecified minor construction projects, not otherwise authorized by law, including construction, alteration, or conversion of permanent or temporary facilities. Force protection (physical security) measures will be incorporated into design including maximum feasible standoff distance from roads, parking areas, and vehicle unloading areas, berms, heavy landscaping and bollards to prevent access when standoff distance cannot be maintained.					
11. REQUIREMENT: This program provides the means of accomplishing minor military construction projects that are not now identified, but which are anticipated to arise during the fiscal year as critical, unforeseen requirements, and which fall within the purview and statutory funding limits of the unspecified minor construction program. CURRENT SITUATION: During the fiscal year, the USAR will continue to be affected by changes in force structure and various enhancements to unit and logistical readiness, including distribution of vehicles, equipment, and other mission essential supplies. These changes often generate unforeseen (emergent) requirements for minor military construction projects. These urgent unforeseen projects address high national priorities such as environmental protection, health, safety, and critical mission requirements.					
POC: LTC Anthony Yeldell, 703-601-3420					

1. COMPONENT USAR	FY 2001 MILITARY CONSTRUCTION PROJECT DATA			2. DATE Feb 00
3. INSTALLATION AND LOCATION Worldwide Unspecified		4. PROJECT TITLE Planning and Design		
5. PROGRAM ELEMENT 0532292A	6. CATEGORY CODE 171-40	7. PROJECT NUMBER N/A	6. PROJECT COST (\$000) 6,400	
9. COST ESTIMATES				
ITEM	U N	QUANTITY	UNIT COST	COST (\$000)
Planning and Design	LS			6,400
10. DESCRIPTION OF PROPOSED CONSTRUCTION Provide funding to prepare engineering plans, designs, drawings and specifications required to execute the USAR military construction program.				
11. REQUIREMENT: This funding is required to provide design and engineering services for Military Construction, Army Reserve (MCAR), and Unspecified Minor projects, including value engineering, and continued development of design criteria and standard (conventional) functional layouts. Funds will be used by the US Army Corps of Engineers (USACE) districts for in-house designs, Architect-Engineer (A-E) contractors, and administrative support functions. These funds are required for accomplishment of initial correction, review, reproduction and advertisement of projects in the FY 00 program; for advancement to final design of projects in FY 01; for initiation of design of projects in FY 02; and for initiation of preconcept design activities for projects in FY 03. The funds request for the annual planning and design requirement includes value engineering, the costs to update standards and criteria, guide specifications, and technical manuals.				
POC: LTC Anthony Yeldell, 703-601-3420				